I am Jayakrishnan M K from Palakkad, Kerala, India. I am writing not as a medical doctor, but as an independent researcher.

1. Purpose of this letter

I have published a reproducible, public-domain method for preparing low-entropy electrolytic copper powder with minimal surface oxide. The method and rationale are detailed in my Kindle eBook: _“Antiviral Drug” by Jayakrishnan M K_ [https://amzn.in/d/0irXfl3W].

I am *not* seeking funding, patents, or commercial gain. The method is public domain. I am *not* giving medical advice or recommending human use.

2. Scientific rationale

Metallic copper and its ions are known to exhibit broad-spectrum contact-killing of pathogens via the oligodynamic effect. My preparation method uses L-ascorbic acid reduction to produce a copper powder with hypothesized low surface entropy and minimal oxide layer, potentially maximizing ionic availability on contact.

3. Specific request

I respectfully request that your organization consider conducting standardized *in-vitro testing only* of this material against Ebola virus under BSL-4 conditions. Potential research questions:

- Does this copper preparation demonstrate virucidal activity on surfaces/PPE?

- What are the contact-killing kinetics under controlled lab conditions?

4. Safety & ethics statements

- This material is *not approved* by FDA, WHO, or any regulatory body for prevention or treatment of disease.

- *Not for human use.* Copper is an essential micronutrient but toxic in excess. RDA ~0.9 mg/day. Excess causes hepatic/renal damage.

- All testing must comply with WHO MEURI protocols and local ethics review.

- I hold no liability for any use outside controlled laboratory research.

5. Materials & data

Full preparation method, materials list, and 8 years of observational notes are in the published book linked above. I can provide additional batch records if a qualified BSL-4 lab requests them under an MTA.

I believe this approach warrants formal evaluation. If negative, the data should still be published to close the question. If positive, it could inform low-cost surface decontamination strategies.

Thank you for your time and for your work protecting global health. I await your guidance on whether your team can assess this material.

Sincerely,

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